


| PRODUCT DATA SHEET  |                            |                         |
|---|----------------------------|-------------------------|
|  | Update date:<br>02.12.2019 | RETOUCHING MARKER 12 ml |
|   |                            |                         |

## Section 1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND THE COMPANY

### 1.1 Product Identifier

#### ***RETOUCHING MARKER FOR WINDOW PROFILES 12 ml***

PKWiU trade symbol 20.30.12

### 1.2 Relevant identified uses of substance or mixture and prohibited used

Identified uses: concealing scratches on window profiles.

### 1.3 Details of the supplier of the data sheet

#### 2 MANUFACTURER:

Rolling Steels sp. z o.o.

Pawężów 104 A

33-103 Tarnów

Tel.: +48 14 625 02 73; Fax: +48 14 657 60 20

Person responsible for the data sheet:

[rollingsteels.pl@gmail.com](mailto:rollingsteels.pl@gmail.com)

### 1.4 Emergency telephone number

**042/631 47 42 (toxicological information in Poland)**

## Section 2. HAZARD IDENTIFICATION

### 2.1. Classification of substance or mixture

Product Definition: Mixture

Classification according to Regulation (EC) No. 1272/2008

[CLP/GHS] Skin Irrit 2 H 315

Eye Irrit 2 H 319

Repr 2 H 361d

STOT SE 3 H

336

STOT RE 2 H 373

Flame Liq 2 H 225

### Harmful effects on human health

Harmful if inhaled and ingested, and if it affects the eyes and skin. Works, slightly irritating to eyes.

Suspected damaging effects on foetus.

A full text of notes H is given in section 16.


See section 11 for more detailed information on health effects and symptoms.

### 2.2. Label elements



**Pictogram:**

**Signal word:** Danger!

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**Hazard statements (H-statements):**

H 225 Highly flammable liquid and vapor.  
H 315 Causes skin irritation  
H 319 Causes serious eye irritation  
H 336 May cause drowsiness or dizziness.  
H 361d Suspected damaging effect on fetus  
H 373 May cause damage to organs through prolonged, repeated exposure

**Precautionary statements (P-statements):**

P210 - Keep away from heat / sparks / open flames / hot surfaces. No smoking  
P233 - Store tightly closed  
P261 - Avoid breathing dust / fume / gas / mist / vapors / spray. P270 - Do not eat, drink or smoke when using this product.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves / protective clothing / eye protection / face protection  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present. Continue to rinse.  
P332 + P313 - If skin irritation occurs: Get medical advice/attention.  
P314 - Get medical advice/attention if you feel unwell.

**Contains:** butyl acetate, methoxypropyl acetate, xylene, methyl ethyl ketone, methyl isobutyl ketone

**2.3. Other threats**

The mixture meets the PBT criteria: not applicable

The mixture meets the vPvB criteria: not applicable

**Section 3. COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1. Substances**


Not applicable - safety data sheet for mixture

**3.2. Mixture**

Mixture of synthetic resin, pigments and organic solvents

Product name: RETOUCHING MARKER FOR WINDOW PROFILES

Product UN number: 1263

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**HAZARDOUS INGREDIENTS**

| Chemical name              | wt%     | CAS numb  | Index number | Classification (EC) No. 1272/2008   |
|----------------------------|---------|-----------|--------------|---|
| Butyl acetate              | 20 ÷ 40 | 123-86-4  | 607-025-00-1 | Flam. Liq. 3, H226<br>STOT SE 3, H336   |
| Xylene                     | <10     | 1330-20-7 | 601-022-00-9 | Flam. Liq. 3, H226<br>Acute Tox. 4, H312<br>Acute Tox. 4, H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319 |
| 1-methoxy-2-propyl acetate | < 0,5   | 108-65-6  | 607-195-00-7 | Flam. Liq. 3, H226  |
| Methyl isobutyl ketone     | <25     | 108-10-1  | 606-004-00-4 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>Acute Tox. 4, H332<br>STOT SE 3, H335<br>EUH066                 |
| Methyl ethyl ketone        | < 30    | 78-93-3   | 606-002-00-3 | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H336                          |

Section 16 gives the meaning of the H phrases and hazard categories and classes.

**Section 4. FIRST AID MEASURES****4.1. Description of first aid measures**

General recommendations

Move a conscious/unconscious person out of the place of exposure, make him/her calm, protect against heat loss. Provide medical assistance.

Inhalation poisoning

In case of respiratory tract irritation, get the injured person in fresh air, in case of breathing difficulties call a doctor immediately.

Oral poisoning

Get medical attention. Give the victim lukewarm drinking water.  
NOTE: if spontaneous vomiting occurs, do not allow the vomit to enter the lungs. Contact a physician.

Eye contamination

Rinse immediately with plenty of water and seek medical help. In case of further irritation, contact an ophthalmologist.

Skin contamination


Remove contaminated clothing, rinse contaminated skin with soap and water, wash with plenty of tap water.

**4.2. Most important symptoms and effects, both acute and delayed**

Prolonged exposure may cause vomiting, nausea, coughing, headaches.

**4.3. Indication of immediate medical attention and special procedures needed**

Apply symptomatic treatment. If swallowed or inhaled of large amounts, contact a physician specializing in the treatment of poisoning immediately.

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## Section 5. FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Suitable extinguishing media: Carbon dioxide, dry chemical, medium and heavy foams, scattered water.

Non-suitable extinguishing media: Do not use compact water jets on the surface of the liquid.

### 5.2. Special hazards arising from the substance or mixture

During combustion, toxic combustion products may be formed: carbon monoxide and carbon dioxide, and nitrogen oxides.

### 5.3. Information for fire brigades

Remove the remains after the fire and contaminated extinguishing water in accordance with regulations. Wear protective clothing and breathing apparatus.

## Section 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid inhalation. Avoid contact with skin, eyes and clothing. Put on the required personal protective equipment.

### 6.2. Environmental precautions

Prevent from entering drains, surface and ground waters, as well as soil.

### 6.3. Methods and materials for removing the contamination

Secure the sumps. Place damaged packaging in replacement packaging.

If leakage or spillage occurs, it must be thoroughly collected and sent for incineration in an appropriate installation. Take the washings to a landfill. Absorb small amounts into a chemically inert binding material (sand, diatomaceous earth) and transfer to tightly closed containers, and then transfer to an authorized waste recipient. Rinse contaminated surface with water.

### 6.4. Reference to other sections

Dispose of in accordance with the recommendations given in section 13.

## Section 7. HANDLING AND STORAGE OF SUBSTANCES AND MIXTURES

### 7.1. Precautions for safe handling


Ensure adequate general ventilation. Prevent from entering drains, surface and ground waters, as well as soil. Avoid contact with skin, eyes. Do not eat or drink during use. Wash hands during breaks and after work. Take off contaminated clothing immediately, wash before putting it on again.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in original, properly labeled, closed packaging in a warehouse equipped with a ventilation system. Recommended storage temperature 20°C. Storage rules - in accordance with local regulations.

### 7.3. Specific end use(s)

No information other than listed in section 1.2

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## Section 8. EXPOSURE CONTROL/INDIVIDUAL PROTECTION MEASURES

The information in this section contains general advice and guidelines. Information is based on typical anticipated use of the product. Additional countermeasures may be required for bulk handling or other applications that could seriously increase worker exposure or release to the environment.

### 8.1. Control parameters

Occupational exposure limits.

| CAS No.   | Chemical name              | NDS<br>[mg/m <sup>3</sup> ] | NDSCh [mg/m <sup>3</sup> ] |
|-----------|----------------------------|-----------------------------|----------------------------|
| 123-86-4  | Butyl acetate.             | 200                         | 950                        |
| 1330-20-7 | Xylene. Ethyl              | 100                         | 350                        |
| 78-93-3   | ethyl ketone               | 450                         | 900                        |
| 108-65-6  | 1-methoxy-2-propyl acetate | 260                         | 520                        |
| 108-10-1  |                            | 200                         | 300                        |

Unknown for other ingredients.

Regulation of the Minister of Labor and Social Policy of 6 June 2014 on the highest permissible concentrations and intensity of harmful factors in the work environment.

### 8.2. Exposure Control

#### Appropriate technical safety

Use only with adequate ventilation. Use process covers, local exhaust ventilation, or other safeguards to ensure that the employee's exposure to contaminants falls below any recommended or obligatory limits. Technical protection is also needed to keep gas, vapor or dust concentrations below the lower explosion limits. Use explosion-proof ventilation equipment.

#### Individual protection measures

##### Hygiene-related measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the toilet, as well as after the shift. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reuse. Make sure eye wash stations and safety showers are located near the workplace.

##### Eye/face protection


Eye protection in accordance with an approved standard should be used when a risk assessment indicates it is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

#### Skin protection

##### Hand

##### protection

Protective gloves resistant to chemicals made of nitrile rubber or other approved by the manufacturer that come into contact with this product. The material durability time is determined by the glove manufacturer.

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### Body protection

Depending on the task being performed, use protective clothing appropriate to the potential risk and approved by a competent person before starting work.

### Other skin protection measures

Before using this product, appropriate footwear and additional skin protection measures should be selected based on the tasks performed and the associated risks. They are subject to approval by a health and safety specialist.

### Respiratory tract protection

A properly fitted breathing apparatus, equipped with an air filter or supplied with air, in accordance with an approved standard, should be worn when a risk assessment deems it obligatory. The choice of a respiratory mask should be based on the known or expected exposure level, product danger and safety limits of the selected mask.

### Environmental exposure control


Emissions from ventilation systems and process equipment should be checked to determine their compliance with the requirements of the environmental law. In some cases, scrubbers will be needed to remove fumes, filters or structural modifications of process equipment to reduce emissions to an acceptable level.

## Section 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

- a) Form: liquid
- b) Odour: characteristic
- c) Odor threshold: not available
- d) pH: no data available
- e) Temperature of melting/solidification: not available
- f) Initial boiling point: above 70°C
- boiling range: not available
- h) flash point: 11°C
- i)Evaporation rate: no data available
- j) Flammability (solid, gas): no data available
- k) Lower/upper flammability limit or explosiveness limit: no data
- l) Vapor pressure: no data available
- m) Vapor density: no data available
- m) Relative density 0.92-0.98 ± 0.05 g/cm<sup>3</sup> at 20°C depending on color
- o) Water solubility: does not dissolve
- p) Partition coefficient: n-octanol/water: no data available
- q) Auto-ignition temperature: no data available
- r) Decomposition temperature: no data available
- s) Viscosity (cup Ø 4): 10-20s depending on color
- t) Explosive properties: no data
- u) Oxidation properties: no data

### 9.2. Other information

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No additional information.

## Section 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

Under storage and handling conditions as intended - no reactivity.

### 10.2. Chemical stability

Under storage and handling conditions as intended - stable mixture.

### 10.3. Possibility of hazardous reactions

Vapors of mixture with air may form explosive mixtures.

### 10.4. Conditions to avoid

High temperature. Ignition sources and heat sources.

### 10.5. Incompatible materials

no data available

### 10.6. Hazardous decomposition products

no data available

## Section 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity of

#### n-butyl acetate

Odour threshold: 2.9-10 mg/m<sup>3</sup>

Acute oral toxicity: LD 50 14000 mg/kg (rat)

Acute toxicity - inhalation LC 50 9660 mg/m<sup>3</sup>/4h (rat)

Acute toxicity - skin LD 50 5000 mg/kg (rat, rabbit)

Effect on human: TCL 0 (inhalation) 966 mg/m<sup>3</sup>, the compound is irritant, depressant for the central nervous system. Causes headaches and dizziness, agitation, nausea, loss of consciousness. Conjunctival irritation, skin irritation.

#### Xylene

Odour threshold: 0.9-9 mg/m<sup>3</sup>

Acute oral toxicity: 4300 mg/kg (rat)

Acute inhalation toxicity: 22100 mg/m<sup>3</sup>/2h (rat)

Irritating to humans, depressant for the central nervous system.

Causes headaches and dizziness, agitation, nausea, loss of consciousness.

#### 1-methoxy-2-propyl acetate

Smell detection threshold -

Acute oral toxicity: LD 50 2000 mg/kg (rat)


Acute toxicity - inhalation LC 50 20 mg/m<sup>3</sup>/6h (rat)

Acute toxicity - skin LD 50 2000 mg/kg (rabbit)

Effect on human: irritating to eyes, non-irritating to skin, non-sensitizing, non-mutagenic, not carcinogenic

#### Methyl isobutyl ketone

Odour threshold: 0.3-0.4 mg/ml

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Acute oral toxicity: LD 50 2590 mg/kg (rat)  
 Acute toxicity - inhalation LC 50 33360 mg/m<sup>3</sup>/4h (rat)  
 Acute toxicity - skin LD 50 4800 mg/kg (rabbit)  
 Irritating to humans, depressant for the central nervous system  
 and the peripheral nervous system

**Methyl ethyl ketone**

Odour threshold 6 ÷ 15 mg/ml  
 Acute oral toxicity: LD 50 2737 mg/kg (rat)  
 Acute toxicity - inhalation LC 50 23500 mg/m<sup>3</sup>/8h (rat)  
 Acute toxicity - skin LD 50 6480 mg/kg (rabbit)  
 Irritating to human, poor depressant on the central nervous  
 system as a result of exposure to the substance in the form of vapor at a  
 concentration of approx.  
 300 mg/ml, after 5 minutes watery eyes, coughing, nose irritation may  
 occur. Bad smell of vapors at a higher concentration may cause headache,  
 nausea, vomiting. It may cause psychomotor agitation, dizziness,  
 impaired coordination of movements, consciousness.

**Skin irritation**

Conclusion/Summary: not available

**Eye irritation**

Irritating to eyes in category 2

**Sensitization**

Conclusion/Summary: not available

**Mutagenicity**

Conclusion/Summary: not available

**Carcinogenicity**

Conclusion/Summary: unavailable


**Harmful to reproduction**

Conclusion/Summary: unavailable

**Specific target organ toxicity - single exposure**

| Product/ingredient name    | Category   | Exposure route | Exposed organs  |
|----------------------------|------------|----------------|-----------------|
| Butyl acetate              | Category 3 | Not defined    | Narcotic effect |
| Methyl ethyl ketone        | Category 3 | Not defined    | Narcotic effect |
| Methyl isobutyl ketone     | Category 3 | Not defined    | Narcotic effect |
| 1-methoxy-2-propyl acetate | Category 3 | Not defined    | Narcotic effect |
| Xylene                     | Category 3 | Not defined    | Narcotic effect |



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Specific target organ toxicity - repeated exposure

Unavailable.

**Danger of inhalation**

Unavailable

**Information on possible routes of exposure**

**Eye contact** Irritating to eyes

**Inhalation** May cause depression of the central nervous system. May cause drowsiness or dizziness.

Skin contact. Defatting to the skin. May cause dry skin and irritation.

Ingestion: May cause depression of the central nervous system.  
Irritating to mouth, throat and stomach.

**Symptoms related to physical, chemical and toxicological characteristics**

**Eye contact** Serious symptoms may include: pain or irritation, tearing, reddening.

**Inhalation.** Severe symptoms may include: nausea or vomiting, headache, drowsiness/fatigue, dizziness, unconsciousness.

Eye contact: Serious symptoms may include: pain or irritation, tearing Ingestion: No specific data.

**Delayed and immediate effects, as well as chronic effects in case of short and long-term exposure**

**Short-term contact**

**Potential immediate effects** Not available

**Potential delayed effects** Not available

**Long-term contact**

**Potential immediate effects** Not Available

**Potential delayed effects** Not available

**Potential chronic health effects** Not available


Conclusion/Summary: not available

**General** Prolonged or repeated contact may decrease the skin and lead to irritation, skin cracking and/or dermatosis.

**Carcinogenicity** No known side effects or critical hazards.

**Mutagenicity** No known side effects or critical hazards.

**Teratogenicity** No known side effects or critical hazards.

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**Developmental disorders**

No known side effects or critical hazards.

**Section 12. ECOLOGICAL INFORMATION****12.1. Toxicity**

| Product/ingredient name    | Result                          | Types   | Exposure |
|----------------------------|---------------------------------|---|----------|
| N-Butyl acetate            | Acute toxicity EC50 647.7 mg/l  | Algae   | 72 hours |
|                            | Acute toxicity EC50 44 mg/l     | Daphnia   | 48 hours |
|                            | Acute toxicity LC50 18 mg/l     | Fish  | 96 hours |
|                            | Acute toxicity LC50 32000 ug/L  | Crustaceans - Artemia salina - Crustacean larva in the first stage of development | 48 hours |
|                            | Marine water                    |   |          |
|                            | Acute toxicity LC50 18000 ug/L  | Fish - Pimephales promelas - 31 to 32 days  | 96 hours |
| Xylene                     | Acute toxicity LC 50 3.77 mg/l  | - 21.6 mm - 0.175g  | 96 hours |
|                            | Acute toxicity LC 50 -100 mg/l  | Fish - Salmo Gairdneri  | 96 hours |
| 1-methoxy-2-propyl acetate | Acute toxicity EC 50 7.4 mg/l   | Algae   | 48 hours |
|                            | Toxicity LC 50/EC> 100 mg/l     | Daphnia - Daphnia magna   |          |
| Methyl ethyl ketone        | Toxicity LC 50/EC> 1000 mg/l    | Fish  |          |
|                            | Acute toxicity LC50 520000 ug/L | Algae   | 48 hours |
|                            | Sweet water                     | Invertebrates - Daphnia magna   | 96 hours |
|                            | Acute toxicity LC50> 400 ppm    | Fish - Cyprinodon variegatus -  |          |
|                            | Sea water                       |   |          |
|                            | Chronic NOEC <70,000 ug/L       | Juvenile (Fledgling, Hatchling, Weanling) - 8 to 15 mm                            | 48 hours |
|                            | Sweet water                     | Daphnia - Daphnia magna   | 96 hours |
|                            | Chronic NOEC 400 ppm            | Fish - Cyprinodon variegatus -  |          |
|                            | Sea water                       | Juvenile (Fledgling, Hatchling, Weanling) - 8 to 15 mm                            |          |
|                            | Acute toxicity LC50 672 mg/l    | Fish - Cyprinodon variegatus -  |          |
| Methyl isobutyl ketone     | Acute toxicity LC50 4280 mg/l   | Juvenile (Fledgling, Hatchling, Weanling) - 8 to 15 mm                            | 48 hours |
|                            |                                 | Fish - Leuciscus Idus   | 48 hours |
|                            |                                 | Melanotus   |          |

**Conclusion/Summary:** Unavailable

|   |                            |                                  |
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**12.2. Stability and ability to decompose**

**Conclusion/Summary:** Unavailable

**12.3. Bioaccumulative potential**

**12.4. Mobility in soil**

**Soil/water partition coefficient (KOC):** Unavailable

**Mobility:** Unavailable

**12.5. Results of PBT and vPvB assessment**

**PBT:** No.  
P: Unavailable B: Unavailable T: No.

**vPvB:** Unavailable  
vP: Unavailable Unavailable

**12.6. Other adverse effects**

No known side effects or critical hazards.

**Section 13. WASTE DISPOSAL**

**13.1 Waste treatment methods. Product**

**Methods of disposal:**

Waste generation should be avoided or kept to a minimum, if possible. Significant amounts of waste should not be discharged into the sanitary collector, but should be treated in an appropriate treatment plant. Excess products and non-recyclable products should be disposed of at a licensed waste disposal company. The disposal of this product, solutions or derived products should in all cases comply with the requirements of environmental protection and legislation related to waste disposal, as well as the requirements of local authorities.

**Hazardous waste:**

The classification of this product may meet the criteria for hazardous waste.

**Packaging**

**Methods of disposal:**


Waste generation should be avoided or kept to a minimum, if possible. Packaging waste should be recycled. Incineration or landfill should only be considered when recycling is not possible.

**Special precautions:**

Dispose of the product and its packaging safely. Be careful when handling emptied containers that have not been cleaned or rinsed out from the inside. Empty containers or liners may retain some product residues. The product residue vapors can create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been thoroughly cleaned from the inside. Avoid contact of the material with soil, watercourses, drains and sewage systems.

**European waste catalog (EWC)**

| Waste code | Waste marking   |
|------------|---|
| 08 01 11*  | waste paint and varnish containing organic solvents or other dangerous substances |

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**Packaging:** Only completely emptied packaging can be recycled. Packaging that cannot be washed should be destroyed like a waste product.

**European waste catalog (EWC)**

Packaging containing residues of or contaminated by dangerous substances.

**Section 14. TRANSPORT INFORMATION**

**14.1. UN number**

1263

**14.2. UN proper shipping name**

Paints, including paints, varnishes, enamels, stains, shellacs, varnishes, gloss agents, liquid fillers, primers.

**14.3. Transport hazard class(es)**

3

**14.4. Packaging group**

III

**14.5. Threats to the environment**

Unknown.

**14.6. Special precautions for users**

Avoid ignition sources. Use personal protective equipment in accordance with section 8 of the sheet.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**Section 15. REGULATORY INFORMATION**

**15.1 Legislation on safety, health and environmental regulations specific for substance or mixture**

**EU Regulation No. 1907/2006 (REACH)**


**Annex 14 - List of substances subject to the authorization procedure**

**Substances of very high concern**

None of the ingredients is listed.

**Restrictions on production, placing on the market and use of certain hazardous substances, preparations and articles:**


Not applicable

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1. 1907/2006 of the European Parliament and of the Council on registration, evaluation, authorization and restriction of chemicals (REACH)
2. Regulation (EC) No 1907/2006 of the EP and Council of 18 December 2006 on registration, evaluation, authorization and restriction of chemicals (REACH), establishment of the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93, and Commission Regulation (EC) No 1488/94, as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC, and 2000/21/EC (in the corrected version, Journal of Laws EU L 136 of 29.05.2007 p. 3, as amended).
3. Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
4. Regulation (EC) No 1272/2008 of the EP and Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006
5. Act of 25 February 2011 on chemical substances and their mixtures (Journal of Laws No. 63, item 322); consolidated text on chemical substances and mixtures of Journal of Laws 2018, item 143.
6. Regulation of the Minister of Health of 10 August 2012 on criteria and method of classification of chemical substances and mixtures thereof (Journal of Laws of 2012 No. 0 item 1018); consolidated text of the Regulation of the Minister of Health 2015, item 208.
7. Regulation of the Minister of Health of 20 April 2012 on marking of packaging and chemical substances and mixtures thereof (Journal of Laws of 2012 No. 0 item 445); consolidated text of the Regulation of the Minister of Health 2015, item 450.
8. Regulation of the Minister of Health of 23 January 2012 on marking of packaging and chemical substances and mixtures thereof (Journal of Laws of 2014, item 445); consolidated text of the Regulation of the Minister of Health 2015, item 450.
9. Regulation of the Minister of the Environment of 24 August 2012 on levels of certain substances in the air (Journal of Laws of 2012, No. 0, item 1031)
10. Regulation of the Minister of Labor and Social Policy of 26 September 1997 on general health and safety regulations. JL No. 169 of 2003, item 1650 as amended (Journal of Laws of 2007, No. 49, item 330)
11. Regulation on permissible concentrations and intensities of factors harmful to health in the work environment 2002, Ordinance of the Minister of Labor and Social Policy of 29 July 2010 amending the ordinance on the highest allowable concentrations and intensities of factors harmful to health in the work environment (Journal of Laws 2010, No. 141, item 950); ANNOUNCEMENT of the Minister of Family, Labor and Social Policy on the uniform text of the Regulation of the Minister of Labor and Social Policy on the highest allowable concentrations and intensities of factors harmful to health in the work environment. JL of 2017, item 1348
12. Regulation on the essential requirements for personal protective equipment (Journal of Laws of 2005, No. 259, item 2173)
13. Announcement of the Minister of Health of 12 January 2015 on publication of a uniform text of the Regulation of the Minister of Health on criteria and method of classification of chemical substances and their mixtures, item 208.

### 15.2 Chemical safety assessment:

Unavailable

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### Section 16. Other information

The information contained in this sheet applies only to the above-mentioned product. They present our current state of knowledge in the field of storage and safe use of product. The technical data contained in this sheet is not quality specifications and cannot constitute grounds for any legal claims (complaints). It is the user's responsibility to assess and use the product described safely and in accordance with applicable laws and regulations.

Application procedure for obtaining classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification     | Justification          |
|--------------------|------------------------|
| Skin Irrit 2 H 315 | Regulatory information |
| Eye Irrit 2 H 319  | Regulatory information |
| Repr 2 H 361d      | Regulatory information |
| STOT SE 3 H 336    | Regulatory information |
| STOT RE 2 H 373    | Regulatory information |

#### Full text of H-statements:

H 225 Highly flammable liquid and vapor.

H 315 Causes skin irritation

H 319 Causes serious eye irritation

H 336 May cause drowsiness or dizziness.

H 361d Suspected damaging effect on fetus

H 373 May cause damage to organs through prolonged, repeated exposure

#### Full text of classifications [CLP/GHS]:


Skin Irrit 2 H 315

Eye Irrit 2 H 319 serious eye damage/eye irritation - category 2, Repr 2 H 361d reproductive toxicity [fetus] - category 2

STOT SE 3 H 336 specific target organ toxicity - single exposure [narcotic effect] - category 3

STOT RE 2 H 373 specific target organ toxicity - repeated exposure - category 2

Flame Liq 2 H 225 flammable liquids - category 2

| PRODUCT DATA SHEET  |                            |                         |
|---|----------------------------|-------------------------|
|  | Update date:<br>02.12.2019 | RETOUCHING MARKER 12 ml |
|   |                            |                         |

**Abbreviations:**

SWW - Systematic Product List - classification of domestic and imported products, includes raw materials, semi-finished products, final products, assemblies and parts (if they are traded). The list is compiled according to the industry structure of the National Economy Classification.

PKWiU - Polish Classification of Products and Services - the first Polish classification of products in Polish economic circulation.

NDS - the highest allowable concentration for work positions - the highest allowable concentration weighted average, which impact on employee per 8-hour working time, throughout his professional activity, should not cause a change in his state of health or the state of health of his future generations.

NDSCh - the highest allowable instantaneous concentration - the maximum allowable instantaneous concentration set as an average value, which should not cause negative changes in the state of health of the employee and the state of health of his future generations, if he remains in the work environment for no more than 30 minutes during a shift.

vPvB - very persistent and very bioaccumulative. PBT - persistent, bio-accumulative and toxic.

LC 50 - lethal concentration - dose at which 50% of the test animals are observed to be killed within a specified period of time,

EC 50 - effective concentration - effective concentration of the substance causing a response at 50% of the maximum value.

BOD - biological oxygen demand - the amount of oxygen consumed by aerobic microorganisms during the decomposition of organic substances in the water sample.

COD - chemical oxygen demand - chemical oxygen demand is a measure of the total amount of oxygen required to oxidize organic materials (biologically active, inert organic substances) to carbon dioxide and water, and capable of oxidizing inorganic materials.

CAS - Chemical assigned number in the *Chemical Abstracts Service* list

EC - reference number used in the European Union to identify hazardous substances, in particular those registered in the European List of Existing Commercial Substances (EINECS *European Inventory of Existing Chemical Substances* ) or the European List of Notified Chemical Substances (ELINCS *European List of Notified Chemical Substances*) or in the list of chemicals listed in the publication entitled "No-longer polymers"

UN - the four-digit identification number of the material in the UN hazardous materials list, derived from the *UN Model Regulations*, to which the individual material, mixture or object is classified.